

Livestock Enterprise Analysis
North Dakota Farm Business Management Education Program
State Report, 2006
(Farms Sorted By Net Return Per Unit)

Dairy -- Average Per Cow

	<u>Avg. Of</u> <u>All Farms</u>
Number of farms	13
	Quantity Value
Milk sold (lb)	15,947.86 2,067.01
Milk used in home (lb)	3.58 0.47
Milk fed to animals (lb)	101.72 11.33
Dairy Calves sold (hd)	0.00 0.20
Transferred out (hd)	0.37 82.74
Cull sales (hd)	0.21 137.96
Less purchased (hd)	-0.06 -93.77
Less transferred in (hd)	-0.28 -320.41
Inventory change (hd)	0.04 96.77
Total production	1,982.28
Other income	81.63
Gross return	2,063.91
Direct Expenses	
Barley (bu.)	54.19 99.49
Corn (bu.)	43.84 99.61
Corn Silage (lb.)	11,369.21 119.28
Hay, Alfalfa (lb.)	5,350.88 169.92
Hay, Grass & Other (lb.)	1,491.90 37.92
Haylage, Alfalfa (lb.)	456.10 4.56
Oats (bu.)	1.65 2.65
Pasture (aum)	1.27 19.96
Wheat, Spring (bu.)	1.08 3.25
Complete Ration (lb.)	1,215.60 64.97
Protein Vit Minerals (lb.)	1,112.54 170.29
Corn Distillers Grn (dry) (lb.)	181.64 9.66
Corn Gluten (lb.)	451.54 19.10
Other feed stuffs	1,119.17 8.84
Breeding fees	9.91
Veterinary	69.45
Supplies	82.54
Fuel & oil	123.34
Repairs	136.70
Custom hire	66.45
Marketing	150.04
Operating interest	45.61
Total direct expenses	1,513.55
Return over direct expense	550.36
Overhead Expenses	
Hired labor	118.70
Farm insurance	42.68
Utilities	65.52
Dues & professional fees	7.45
Interest	97.37
Mach & bldg depreciation	121.78
Miscellaneous	24.98
Total overhead expenses	478.48
Total dir & ovhd expenses	1,992.03
Net return	71.88
Labor & management charge	233.50
Net return over lbr & mgt	-161.63
Cost of Production	
Total direct expense per cwt.	9.43
Total dir & ovhd expense per cwt.	12.41
With other revenue adjustments	12.50
With labor and management	13.96
Est. labor hours per unit	35.00
Other Information	
Avg. number of Cows	67.5
Milk produced per Cow	16,053
Culling percentage	21.4
Turnover rate	30.3
Percent of barn capacity	94.6
Lbs. milk/lb grain & conc.	2.0
Feed cost per cwt of milk	5.17
Feed cost per Cow	829.52
Avg. milk price per cwt.	12.96